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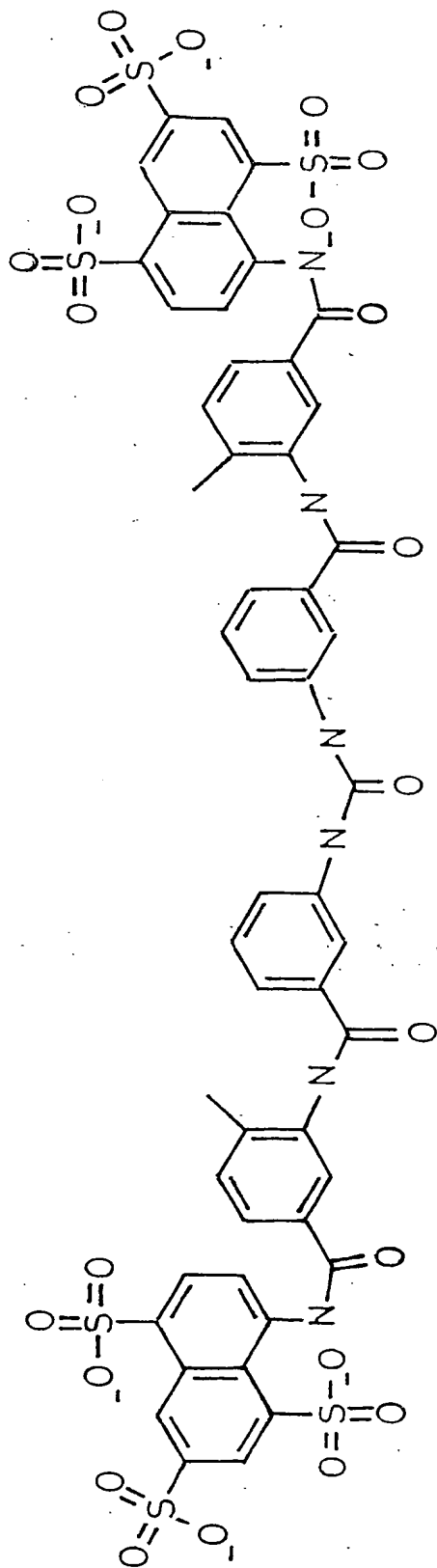
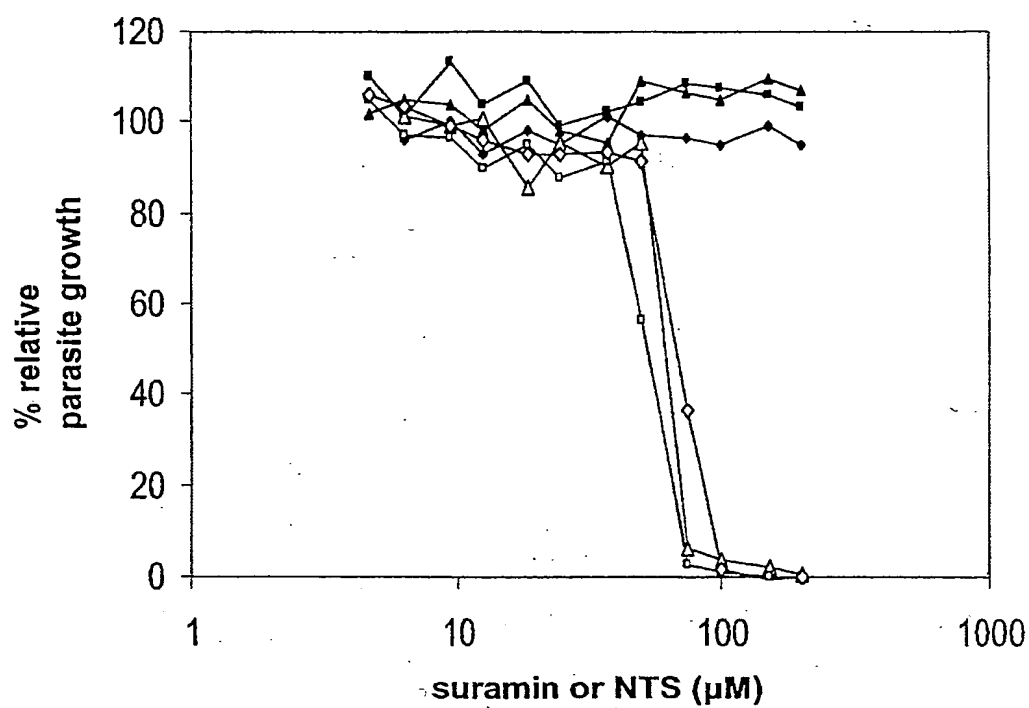


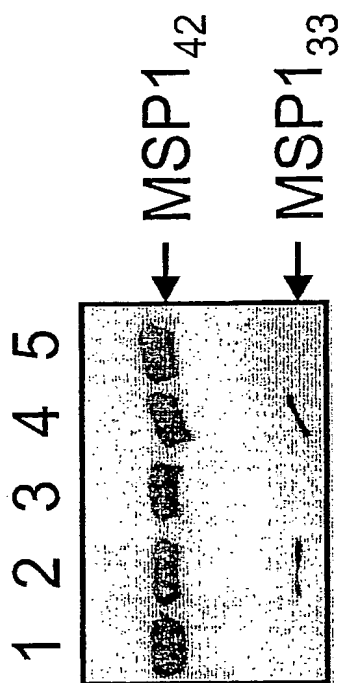
Fig. 1

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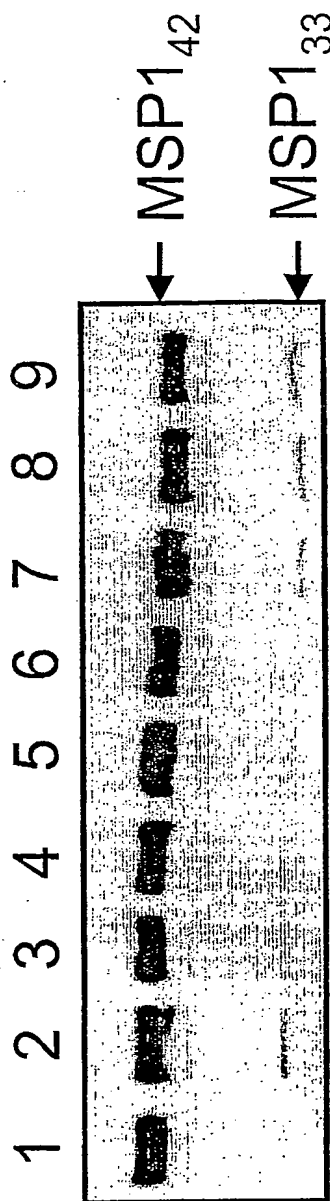
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*Fig. 2*

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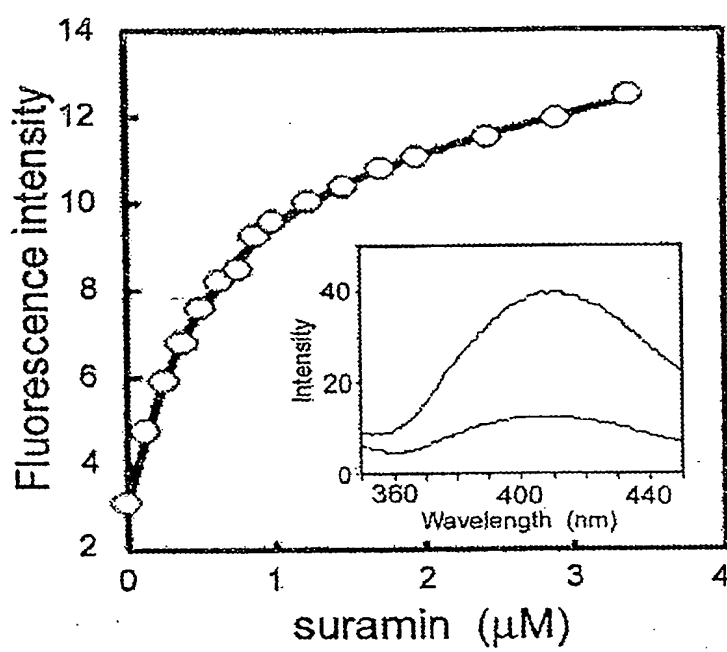
A.



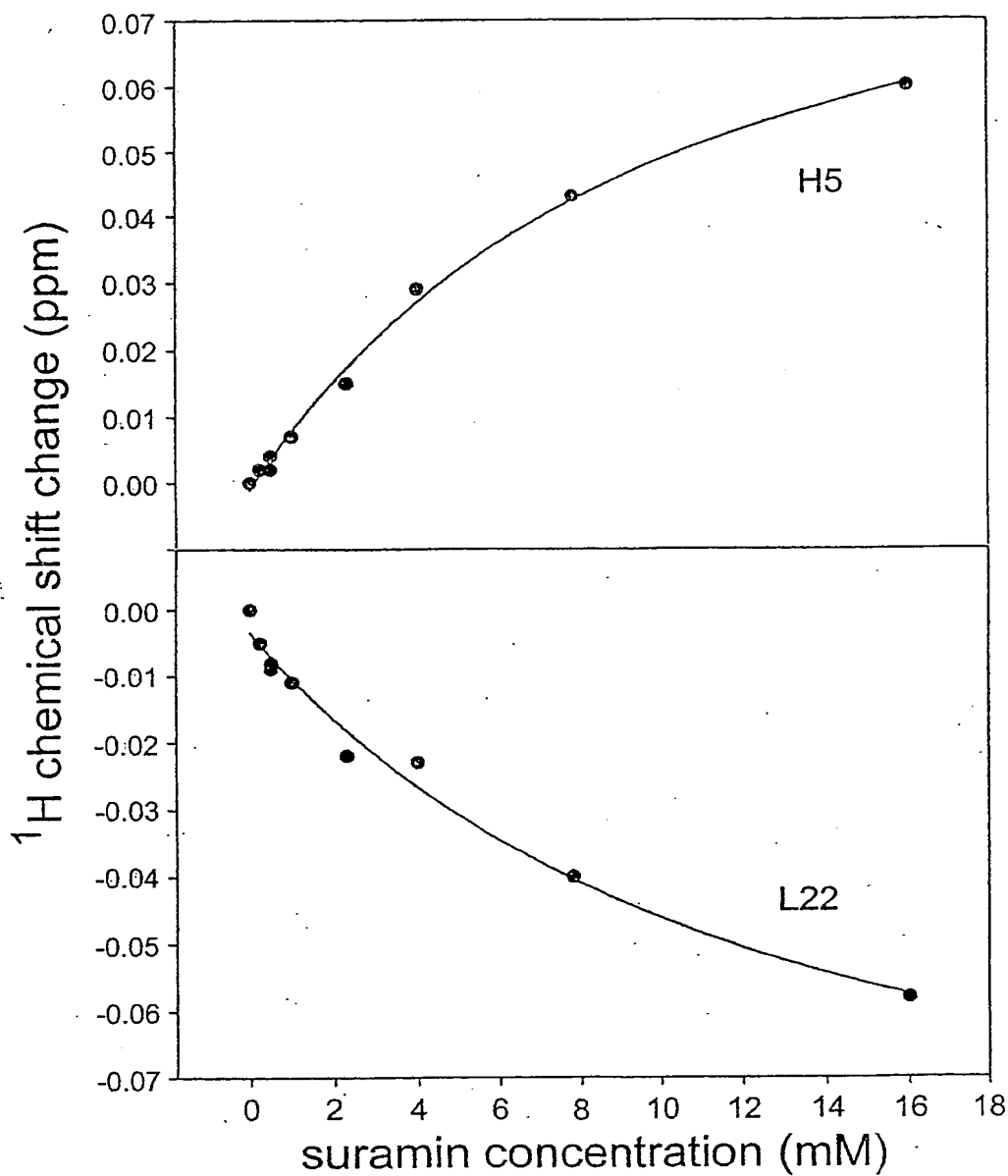
B.

Fig. 3

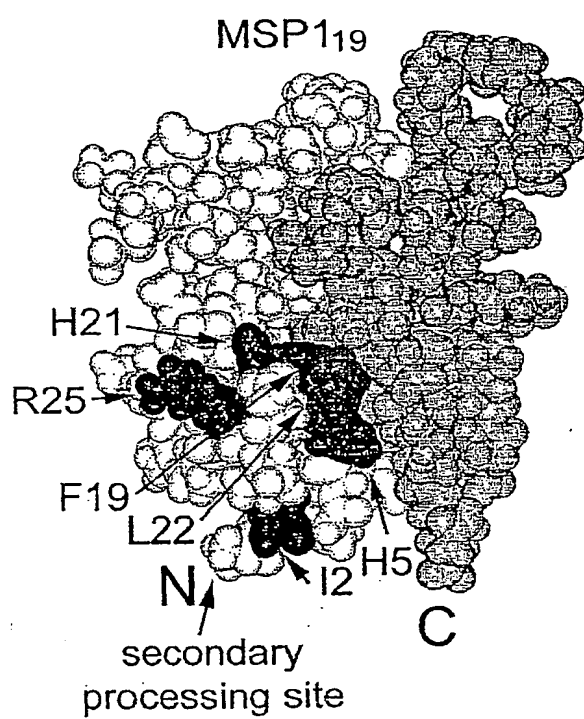
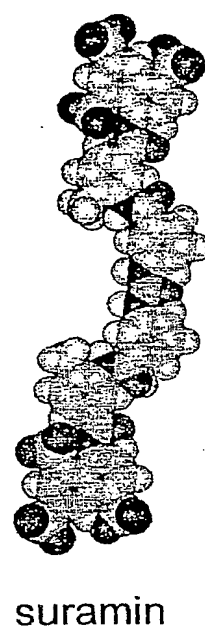
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*Fig. 4*

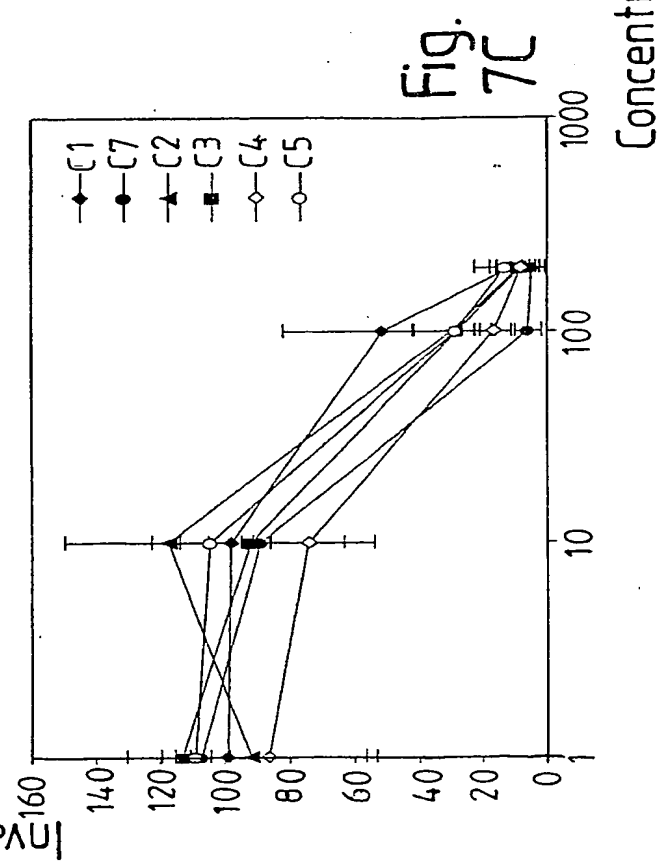
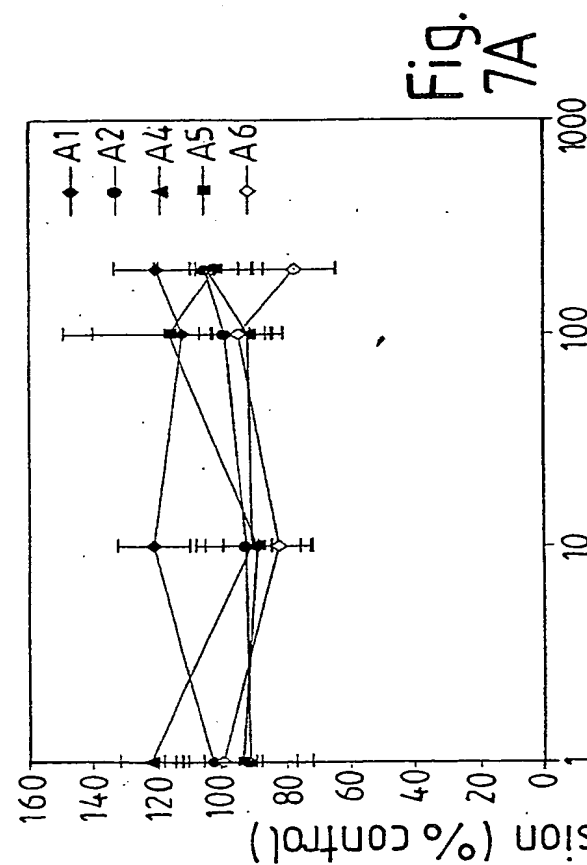
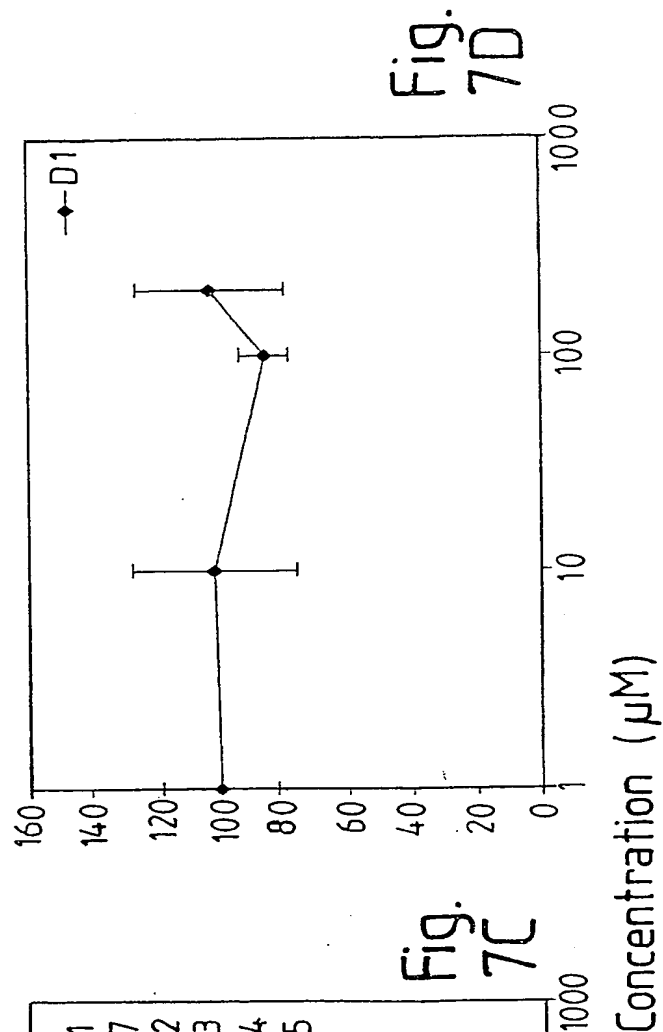
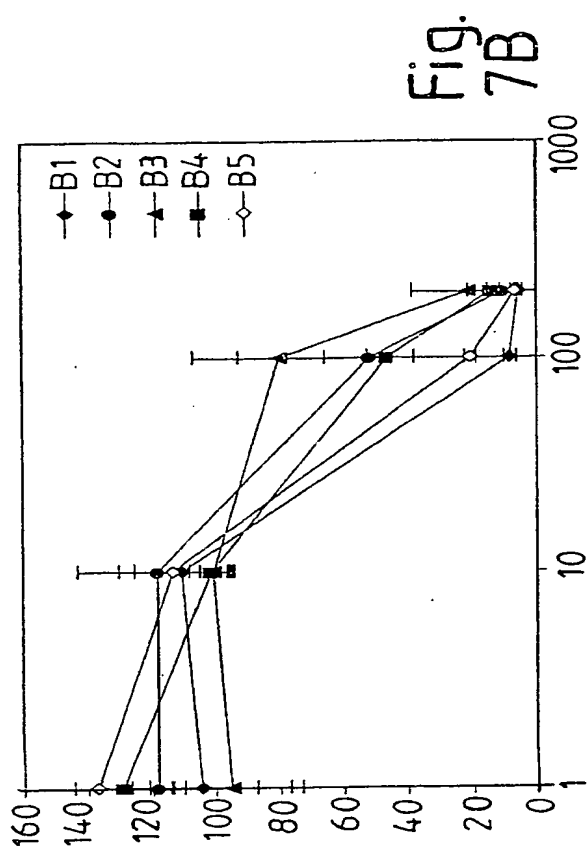
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*Fig. 5A**Fig. 5B*

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*Fig. 6(i)**Fig. 6(ii)*

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10	10	20	30	40	50	60
EAV PSVI EAI -VTM EAI -VTM EAI -VTM EAI -VTM EAI -VTM EAE -EAP EAE -EAP EAE -EAP	NUT SKINER NEE SG ENEL NEE SG ENEL NEE SG ENEL NEE SG ENEL NEE SG ENEL IIV PAGI ENY IIV PAGI ENY IIV PQGINER	BVLYTKPLA BVLYTKPLA BVLYTKPLA BVLYTKPLA BVLYTKPLA BVLYTKPLA BVLYTKPLA BVLYTKPLA BVLYTKPLA	VYR LKK L VYR LKK L VYR LKK L VYR LKK L VYR LKK L VYR LKK L VYR LKK L VYR LKK L VYR LKK L	NNM EAVNV KNI IFUNNL KNI IFUNNL KNI IFUNNL KNI IFUNNL KNI IFUNNL NNA NTNTN NNA NTNTN NNA NTNTN	K TINS PENK N TINS PENK N TINS PENK N TINS PENK N TINS PENK N TINS PENK T TINS PENK T TINS PENK T TINS PENK	K TINS PENK N TINS PENK N TINS PENK N TINS PENK N TINS PENK N TINS PENK T TINS PENK T TINS PENK T TINS PENK

PFwel42
PFMAD42
CAMP-42
UPA-p42
FC27-42
3D7-42
Pv142
Pv242
Pcyn42
Pk42
Py42
Pb42
Pc42

Fig. 8 Sheet 1

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Pfwel42	RENEKKNVLE	ELIPKRDLES	ENYVVKPYK	FUNKLGRKKE	ISNLIKDE	TTDNEFAN
Pfemad42	RKFFLVLE	ELIMQKISS	NEYVLEES	FUNKLGRKKE	ISNLIKDE	TTDNEFAN
CAMP-42	RKFFLVLE	ELIMQKISS	NEYVLEES	FUNKLGRKKE	ISNLIKDE	TTDNEFAN
UPA-p42	RKFFLVLE	ELIMQKISS	NEYVLEES	FUNKLGRKKE	ISNLIKDE	TTDNEFAN
FC27-42	RKFFLVLE	ELIMQKISS	NEYVLEES	FUNKLGRKKE	ISNLIKDE	TTDNEFAN
3D7-42	RKFFLVLE	ELIMQKISS	NEYVLEES	FUNKLGRKKE	ISNLIKDE	TTDNEFAN
Pv142	RNFFLVLE	ELIMQKISS	NEYVLEES	FUNKLGRKKE	ISNLIKDE	TTDNEFAN
Pv242	RNFFLVLE	ELIMQKISS	NEYVLEES	FUNKLGRKKE	ISNLIKDE	TTDNEFAN
Pcyn42	RNFFLVLE	ELIMQKISS	NEYVLEES	FUNKLGRKKE	ISNLIKDE	TTDNEFAN
Pk42	RNFFLVLE	ELIMQKISS	NEYVLEES	FUNKLGRKKE	ISNLIKDE	TTDNEFAN
Fy42	RNFFLVLE	ELIMQKISS	NEYVLEES	FUNKLGRKKE	ISNLIKDE	TTDNEFAN
Pb42	RNFFLVLE	ELIMQKISS	NEYVLEES	FUNKLGRKKE	ISNLIKDE	TTDNEFAN
Pc42	RNFFLVLE	ELIMQKISS	NEYVLEES	FUNKLGRKKE	ISNLIKDE	TTDNEFAN

Fig. 8 Sheet 2

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Pfwel42	130	140	150	160	170	180
PFMAD42	VLGKILS	KYIN	P	---	TPPSPAKT	---
CAMP-42	SVKMA	KVKEKEKF	P	---	TPPSPAKT	---
UPA-p42	SVKMA	KVKEKEKF	P	---	TPPSPAKT	---
FC27-42	SVKMA	KVKEKEKF	P	---	TPPSPAKT	---
3D7-42	SVKMA	KVKEKEKF	P	---	TPPSPAKT	---
Pv142	NNKNG	EVKKEAD I	KAEDDKIKKI	---	KTTEKT S	---
Pv242	VTNKNG	TEKKVDDI	KKODEELKKL	---	QDSKKN F	---
Pcyn42	MAKNG	AQKVEANI	NKHDEEIKKI	---	KANDKN L	---
Pk42	MEKNG	AQKVEASV	P	---	---	GEQS L
Py42	KTKNG	QIATI	---	---	A ETNDTN	---
Pb42	KTKNG	QIDAI	---	---	A ATTD	---
Pc42	FEENKNG	QIAAIG	---	---	EPTDAEK	---

Fig. 8 Sheet 3

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	190	200	210	220	230	240
Pfwel42	---	-K G	-NEKMPPEIN	NIETLYKTVN	EKKEDLEVI	EAKVLNITYE
PfMAD42	---	-EKK	-ESKEPPEIT	NIETLYNNLV	NKEDBYLINE	EAKINCNV
CAMP-42	---	-EKK	-ESKEPPEIT	NIETLYNNLV	NKEDBYLINE	EAKINCNV
UPA-p42	---	-EKK	-ESKEPPEIT	NIETLYNNLV	NKEDBYLINE	EAKINCNV
FC27-42	---	-EKK	-ESKEPPEIT	NIETLYNNLV	NKEDBYLINE	EAKINCNV
3D7-42	---	-EKK	-ESKEPPEIT	NIETLYNNLV	NKEDBYLINE	EAKINCNV
Pv142	---	-MAKKA	ELEKMPPEIN	SELOKENESEV	EKANITTDNL	EKVNNCQ
Pv242	---	-IAKKA	ELEKMPPEIN	SIOKESESEV	EKANITTDNL	EKVNNCQ
Pcyn42	---	-NAKK	ELOKMPPEIS	SIOKESESEV	NKVHSTDTL	EKKIFNNCQ
Pk42	---	-NAKK	ELKKMPPEIN	SELOKESESEV	NMAHTIKENI	EKKETNNCQ
PY42	---K E	-EKK	-KMPPIE	ELKGLYETVL	GAAEMSEET	ENELN YKN
Pb42	---K D	-EKK	-KMPPIE	ELKGLYETVL	GSEYIEVI	ENREL YKN
Pc42	---	-K	-KMPPIE	ELKGLYETVL	NGAETISEL	EKKENYK

Fig. 8 Sheet 4

	250	260	270	280	290	300
Pfwel42	KSNVEVKIKK	LNYLKTIDDK	LADFKKNNNF	VGIADLSTDY	NHNNLLTKFL	STGMVFENLA
PfMAD42	KDEAHVKITK	LSDLKAIDDK	IDLEKNTNDF	EAIKKLIND	TKKDMLGKLL	STGLV-CNFP
CAMP-42	KDEAHVKITK	LSDLKAIDDK	IDLEKHNHDF	EAIKKLIND	TKKDMLGKLL	STGLVQN-FP
UPA-p42	KDEAHVKITK	LSDLKAIDDK	IDLEKHNHDF	DAIKKLIND	TKKDMLGKLL	STGLVQN-FP
FC27-42	KDEAHVKITK	LSDLKAIDDK	IDLEKNTNDF	EAIKKLIND	TKKDMLGKLL	STGLVQN-FP
3D7-42	KDEAHVKITK	LSDLKAIDDK	IDLEKNTNDF	EAIKKLIND	TKKDMLGKLL	STGLVQN-FP
Pv142	KKEAEITVKK	IQDYNKMDER	LEEYKKS---	----EKKNFV	KSSGLLEKIM	KSKLIKENES
Pv242	KKEAEITVKK	IQDYNKMDER	LEEYKKS---	----EKKNFV	KSSGLLEKIM	KSKLIKENES
Pcyn42	KKEFETITVKK	LEDYSKMDLE	LDVVYKOS---	----KKEDDV	KSSGLLEKIM	NSKLIHGEES
Pk42	KKEFETITVKK	LEDYTKIDEN	LEIYKKS---	----KKEEDV	RSSGLLEKIK	NSKLINEEVS
Py42	KAFEFILTKN	LEKYIQIDDK	LDEFVTHAE-	----NNKH	IASIALNNLN	KSKLVGEGES
Pb42	KTEFEILTKN	LETYIKIDDK	LENFVEN---	----AENKH	IASIALNNLN	KSKLVGEGES
Pc42	KAGFEILMAN	LETYIRIDDK	LEDEFVESAE-	----KNKH	IASIALNNLN	KSKLVTEGES

Fig. 8 Sheet 5

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Pfwe142	KTVLNLLLEGG	NLQGMNLNIS	QCVKK-QC	PENS	CFER	DERER	CKCILL	NYK	OE	DK
PfMAD42	NTTISKLLIEG	KFQDMLNIS	QCVKK-QC	PENS	CFER	DERER	CKCILL	NYK	OE	DK
CAMP-42	NTTISKLLIEG	KFQDMLNIS	QCVKK-QC	PENS	CFER	DERER	CKCILL	NYK	OE	DK
UPA-p42	NTTISKLLIEG	KFQDMLNIS	QCVKK-QC	PENS	CFER	DERER	CKCILL	NYK	OE	DK
FC27-42	NTTISKLLIEG	KFQDMLNIS	QCVKK-QC	PENS	CFER	DERER	CKCILL	NYK	OE	DK
3D7-42	NTTISKLLIEG	KFQDMLNIS	QCVKK-QC	PENS	CFER	DERER	CKCILL	NYK	OE	DK
Pv142	KEILSOLLNV	QTOLLTMS	TCIDT-NV	PENAA	CYRYL	DMEE	WRCILL	TFK	EE	GK
Pv242	KEILSOLLNV	QTOLLTMS	TCIDT-NV	PENAA	CYRYL	DMEE	WRCILL	TFK	EE	GK
Pcyn42	KKALSELLNV	QTOLLTMS	RCIDT-NV	PENAA	CYRYL	DMEE	WRCILL	YFK	ED	AGK
Pk42	KKVLSOLLNV	QTOLLTMS	RCIDT-NV	PENAA	CYRYL	DMEE	WRCILL	GFK	EV	GK
Py42	KKILAKMLNM	DGMDLLGVD	KVCVDTRDI	EKNA	CFERDD	NGTE	WRCILL	GYKGE	NT	NT
Pb42	KKILAKMLNM	DSMDLLGVD	KVCINTRDI	PANAL	CERYD	NGNE	WRCILL	GYKKN	NT	NT
Pc42	KKILAKMLNM	DAMDLLGIGS	NVCIST-ST	PENAL	CERYD	EGTE	WRCILL	GFKKDD	NR	NR

Fig. 8 Sheet 6

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Pfwe142	CVENPNPTCN	ENNNCCDADA	KCTEEDSGSN	--GKKITCEC	TKPD\$YPLFD	IFC\$SS\$NFI
PfMAD42	CVENPNPTCN	ENNNCCDADA	TCTEEDSGSS	--RKKITCEC	TKPD\$YPLFD	IFC\$SS\$NFI
CAMP-42	CVENPNPTCN	ENNNCCDADA	KCTEEDSGSN	--GKKITCEC	TKPD\$YPLFD	IFC\$SS\$NFI
UPA-p42	CVENPNPTCN	ENNNCCDADA	KCTEEDSGSN	--GKKITCEC	TKPD\$YPLFD	IFC\$SS\$NFI
FC27-42	CVENPNPTCN	ENNNCCDADA	TCTEEDSGSS	--RKKITCEC	TKPD\$YPLFD	IFC\$SS\$NFI
3D7-42	CVENPNPTCN	ENNNCCDADA	TCTEEDSGSS	--RKKITCEC	TKPD\$YPLFD	IFC\$SS\$NFI
Pv142	CVPGSNVETCK	DNNCCCAPEA	ECKMTDSN--	--KIVCKC	TKEGSEPLFE	VFC\$SS\$SFI
Pv242	CVPASNVETCK	DNNCCCAPEA	ECKMTDSN--	--KIVCKC	TKEGSEPLFE	VFC\$SS\$SFI
Pcyn42	CVAPAPNMTCK	DNNCCCAPEA	ECKMNP----	--KNEIVCKC	TKEGSEPLFE	VFC\$SS\$SFI
Pk42	CVPAS-ITCE	ENNNCCCAPEA	ECTMED----	--KKEVECKC	TKEGSEPLFE	VFC\$SS\$SFI
Py42	CVENNNPTCP	INNNCCDPTA	SCQNAESTEN	--SKKIICTC	KEPTPNAYYE	VFC\$SS\$SFI
Pb42	CIFDSNPTCG	NNNNCCDPTA	GCQTAEENREN	--SKKIICTC	KEPTPNAYYE	VFC\$SS\$SFI
Pc42	CVADDAAPVCN	NNNNCCDKNA	DCREVENTDR	DPSKKIIVCTC	KEPTPNAYYA	VFC\$SS\$SFI

Fig. 8 Sheet 7

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Pfwe142	ISFLLIIML	ILYSEI-
PfMAD42	ISFLLIIML	ILYSEI-
CAMP-42	ISFLLIIML	ILYSEI-
UPA-p42	.....|.....|.....|	ISFLLIIML	ILYSEI-
FC27-42	.....|.....|.....|	ISFLLIIML	ILYSEI-
3D7-42	.....|.....|.....|	ISFLLIIML	ILYSEI-
Pv142	.....|.....|.....|	SLSEFLLIML	ELLCMEL
Pv242	.....|.....|.....|	SLSEFLLIML	ELLCMEL
Pcyn42	.....|.....|.....|	SLSEFLLIML	ELLCMEL
Pk42	.....|.....|.....|	SLSEFLLIML	ELLCMEL
Py42	SLSEFLLIML	ELLCMEL
Pb42	SLSEFLLIML	ELLCMEL
Pc42	SLSEFLLIML	ELLCMEL

Fig. 8 Sheet 8

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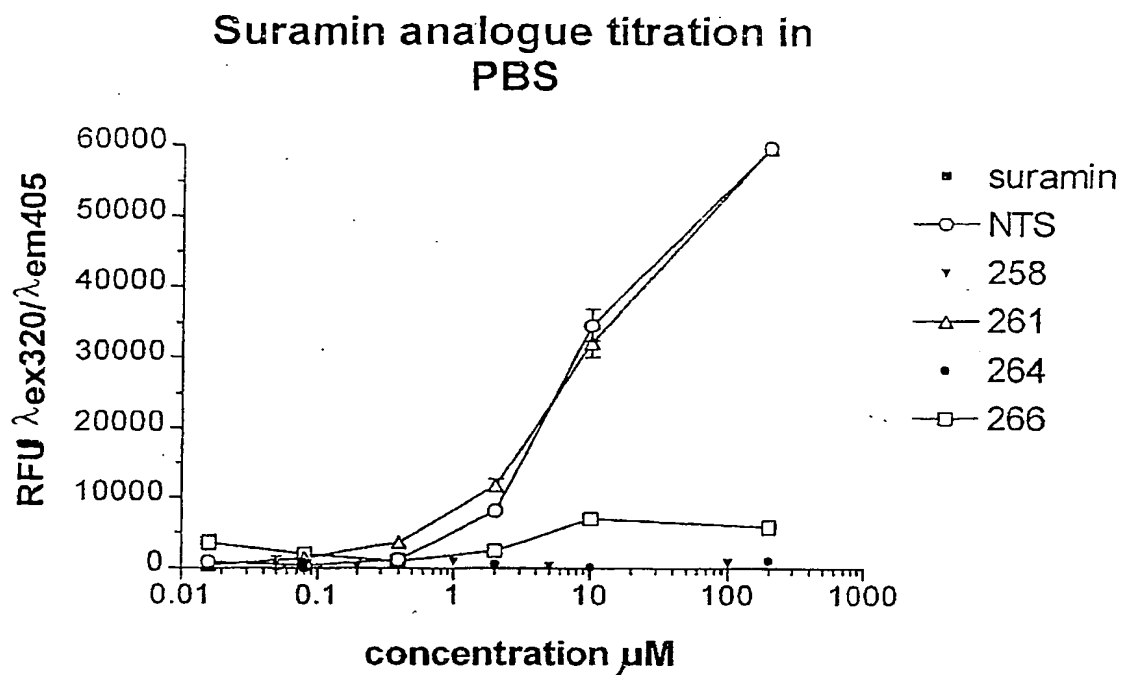


Fig. 9a

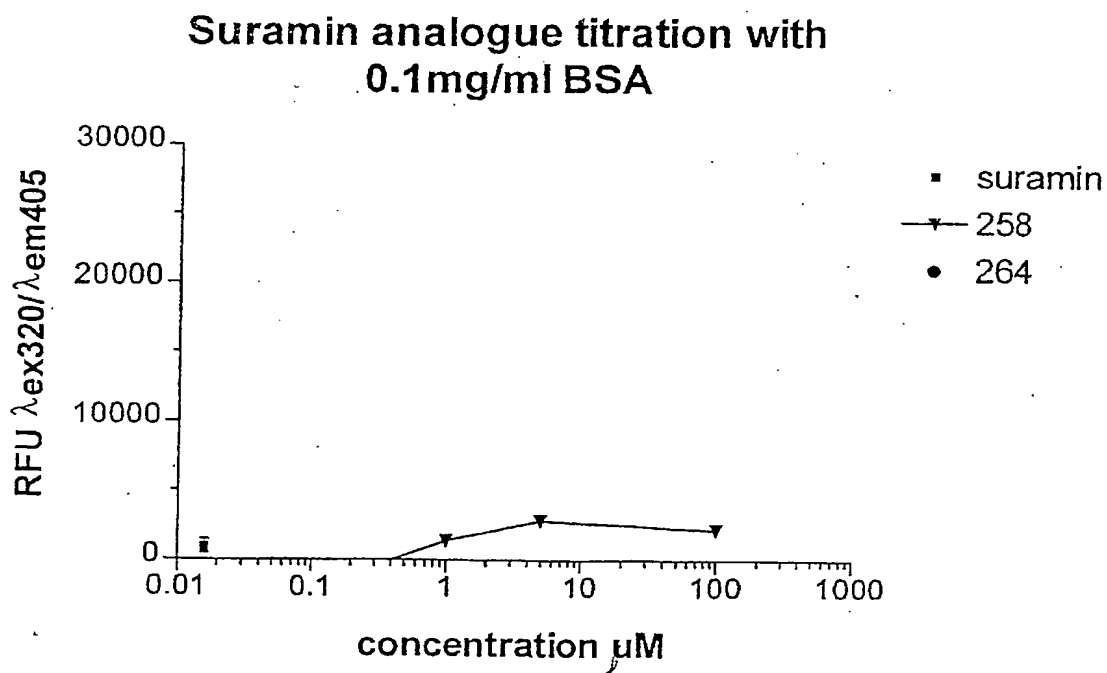


Fig. 9b

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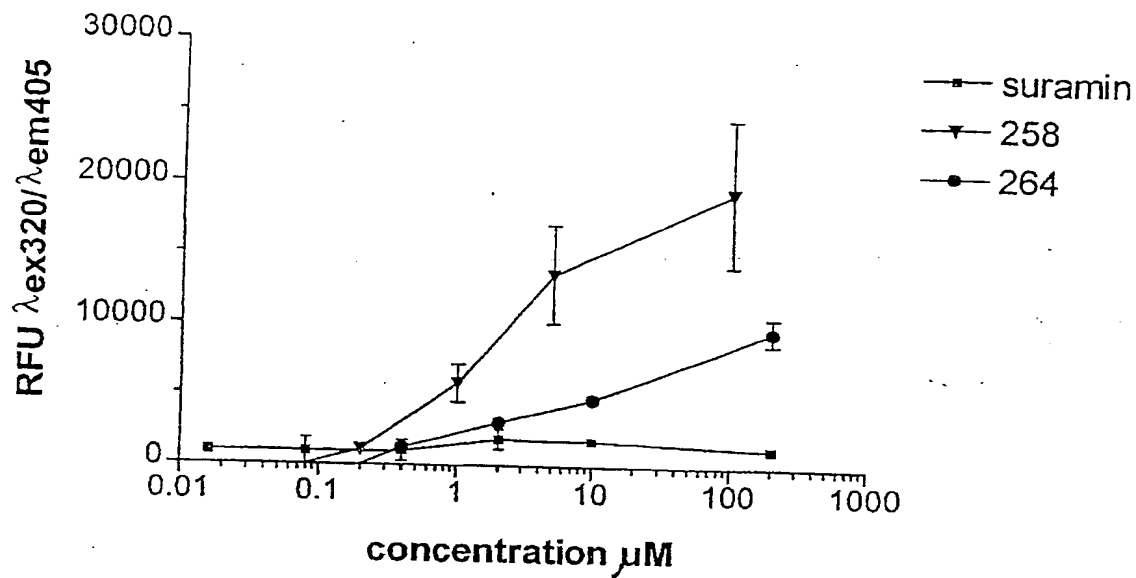
Suramin analogue titration with
0.1 mg/ml MSP1

Fig. 9c

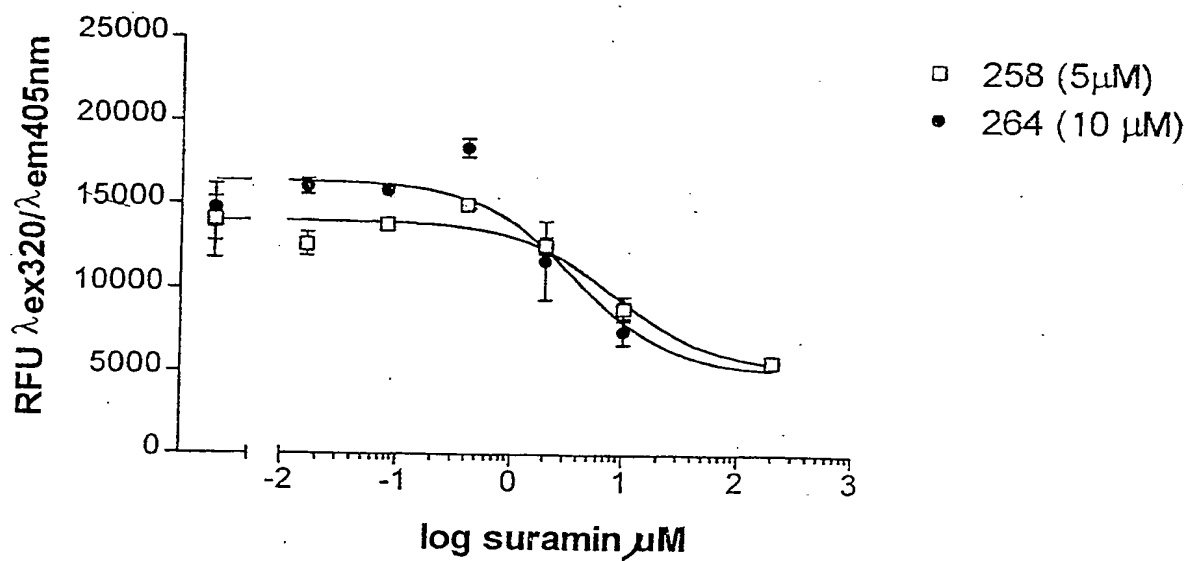


Fig. 10

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